

Abstract of the Disclosure

EDGE FINISHING PROCESS FOR GLASS OR CERAMIC DISKS USED IN DISK DRIVE DATA STORAGE DEVICES

The circumferential edges of glass or ceramic disks used in disk drive data storage devices are preferably finished by ductile grinding to produce an essentially fracture-free surface, which is not chemically strengthened. Preferably, the material is glass, and both the inner and outer edges of the disk are finished. Edge finishing is preferably achieved in a two-stage process, involving a coarse grind and a ductile grind, using air bearing spindles rotated at high speed for grinding wheels and workpiece. Preferably, the grinding wheels are shaped to provide a radius at the juncture of the circumferential edges and flat disk surfaces.

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